

Date: Sun, 13 Mar 94 00:32:33 PST  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V94 #282  
To: Info-Hams

Info-Hams Digest                      Sun, 13 Mar 94                      Volume 94 : Issue    282

Today's Topics:

                    4-1000A Chimney  
            Electronic Schematics-Exotica...  
            Filter Shape Factor?  
            HDN Releases (3 msgs)  
            IPS Daily Report 12 03 94  
            Licensing in Japan  
            noise blankers  
            Ramsey Kit Transceivers-Also any others???  
            St Patrick's Day Special Event Station  
            Wanted: "This Week in Amateur Radio" Info  
                    Where is PED410?

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

-----

Date: Thu, 10 Mar 1994 03:31:51 GMT  
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!wupost!darwin.sura.net!  
perot.mtsu.edu!raider!theporch!jackatak!root@network.ucsd.edu  
Subject: 4-1000A Chimney  
To: info-hams@ucsd.edu

alanb@sr.hp.com (Alan Bloom) writes:

> Don Turner (don.turner@eabbs.com) wrote:  
> : Hi Guys: I need a chimney for my 4-1000A tube. The Eimac part number  
> : is SK-506. If any of you are will to let go of one of these, leave a  
> : message. ....Don Turner WA6WRX  
>



-----  
Date: Thu, 10 Mar 1994 19:49:20  
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!convex!seas.smu.edu!rwsys!ocitor!  
FredGate@network.ucsd.edu  
Subject: HDN Releases  
To: info-hams@ucsd.edu

The following files were processed Thursday 3-10-94:

HAMNEWS [ HAM: Bulletins and Newsletters ]  
-----

HOD001.ZIP ( 31307 bytes) Ham on Disk #1 vol 1  
HOD002.ZIP ( 50260 bytes) Ham on Disk #2 vol 1  
-----

81567 bytes in 2 file(s)

Total of 81567 bytes in 2 file(s)

Files are available via Anonymous-FTP from ftp.fidonet.org  
IP NET address 140.98.2.1 for seven days. They are mirrored  
to ftp.halcyon.com and are available for 60-90 days.

Directories are:

pub/fidonet/ham/hamnews	(Bulletins)
/hamant	(Antennas)
/hamsat	(Sat. prg/Amsat Bulletins)
/hampack	(Packet)
/hamelec	(Formulas)
/hamtrain	(Training Material)
/hamlog	(Logging Programs)
/hamcomm	(APLink/JvFax/Rtty/etc)
/hammods	(Equip modification)
/hamswl	(SWBC Skeds/Frequencies)
/hamscan	(Scanner Frequencies)
/hamutil	(Operating aids/utills)
/hamsrc	(Source code to programs)
/hamdemo	(Demos of new ham software)
/hamnos	(TCP/IP and NOS related software)

Files may be downloaded via land-line at (214) 226-1181 or (214) 226-1182.  
1.2 to 16.8K, 23 hours a day .

When ask for Full Name, enter: Guest;guest <return>

lee - ab5sm  
Ham Distribution Net

\* Origin: Ham Distribution Net Coordinator / Node 1 (1:124/7009)

-----  
Date: Thu, 10 Mar 1994 19:37:13  
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!convex!seas.smu.edu!rwsys!ocitor!  
FredGate@network.ucsd.edu  
Subject: HDN Releases  
To: info-hams@ucsd.edu

The following files were processed Thursday 3-10-94:

HAMPACK [ HAM: Packet Communications programs ]

-----  
APRS400.ZIP ( 748602 bytes) Automatic Packet Report system V4.0  
by WB4APR

-----  
748602 bytes in 1 file(s)

Total of 748602 bytes in 1 file(s)

Files are available via Anonymous-FTP from ftp.fidonet.org  
IP NET address 140.98.2.1 for seven days. They are mirrored  
to ftp.halcyon.com and are available for 60-90 days.

Directories are:

pub/fidonet/ham/hamnews	(Bulletins)
/hamant	(Antennas)
/hamsat	(Sat. prg/Amsat Bulletins)
/hampack	(Packet)
/hamelec	(Formulas)
/hamtrain	(Training Material)
/hamlog	(Logging Programs)
/hamcomm	(APLink/JvFax/Rtty/etc)
/hammods	(Equip modification)
/hamswl	(SWBC Skeds/Frequencies)
/hamscan	(Scanner Frequencies)
/hamutil	(Operating aids/utils)
/hamsrc	(Source code to programs)
/hamdemo	(Demos of new ham software)
/hamnos	(TCP/IP and NOS related software)

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1.2 to 16.8K, 23 hours a day .

When ask for Full Name, enter:     Guest;guest     <return>

lee - ab5sm  
Ham Distribution Net

\* Origin: Ham Distribution Net Coordinator / Node 1 (1:124/7009)

-----  
Date: Thu, 10 Mar 1994 19:11:06  
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!convex!seas.smu.edu!rwsys!ocitor!  
FredGate@network.ucsd.edu  
Subject: HDN Releases  
To: info-hams@ucsd.edu

The following files were processed Thursday 3-10-94:

HAMNEWS    [ HAM: Bulletins and Newsletters ]

-----  
ARLB022.ZIP (    388 bytes) 03/02/94 - New South Carolina SM  
ARLB023.ZIP (    858 bytes) 03/03/94 - Callsign plan extended  
ARLB024.ZIP (    891 bytes) 03/03/94 - ARRL, FCC ink pact  
ARLB025.ZIP (    970 bytes) 03/04/94 - New exposure deadline  
ARLP009.ZIP ( 1235 bytes) ARRL Propagation Bulletin 03/04/94  
NEWS0304.ZIP ( 6767 bytes) News Line 03/04/94  
-----

11109 bytes in 6 file(s)

HAMSAT     [ HAM: Satellite tracking and finding programs ]

-----  
AMSAT064.ZIP ( 3417 bytes) AmSat Bulletin #064 03/06/94  
OBS063.ZIP    ( 5203 bytes) AmSat Orbital Elements #063  
                              03/04/94  
SPC0307.ZIP ( 2574 bytes) Space Bulletin 03/07/94  
-----

11194 bytes in 3 file(s)

HAMUTIL    [ HAM: Radio operating aids ]

-----  
MSSOF411.ZIP ( 211235 bytes) Meteor-scatter V4.11 by OH5IY -  
predict meter shower openings  
-----

211235 bytes in 1 file(s)

Total of 233538 bytes in 10 file(s)

Files are available via Anonymous-FTP from ftp.fidonet.org  
IP NET address 140.98.2.1 for seven days. They are mirrored  
to ftp.halcyon.com and are available for 60-90 days.

Directories are:

pub/fidonet/ham/hamnews (Bulletins)  
/hamant (Antennas)  
/hamsat (Sat. prg/Amsat Bulletins)  
/hampack (Packet)  
/hamelec (Formulas)  
/hamtrain (Training Material)  
/hamlog (Logging Programs)  
/hamcomm (APLink/JvFax/Rtty/etc)  
/hammods (Equip modification)  
/hamswl (SWBC Skeds/Frequencies)  
/hamscan (Scanner Frequencies)  
/hamutil (Operating aids/utils)  
/hamsrc (Source code to programs)  
/hamdemo (Demos of new ham software)  
/hamnos (TCP/IP and NOS related software)

Files may be downloaded via land-line at (214) 226-1181 or (214) 226-1182.  
1.2 to 16.8K, 23 hours a day .

When ask for Full Name, enter: Guest;guest <return>

lee - ab5sm  
Ham Distribution Net

\* Origin: Ham Distribution Net Coordinator / Node 1 (1:124/7009)  
-----

Date: Sat, 12 Mar 1994 23:24:39 GMT  
From: ihnp4.ucsd.edu!muninari.oz.au!newshost.anu.edu.au!sserve!usage!metro!ipso!  
rwc@network.ucsd.edu  
Subject: IPS Daily Report 12 03 94

To: info-hams@ucsd.edu

# IPS RADIO AND SPACE SERVICES AUSTRALIA

Daily Solar And Geophysical Report

Issued at 2330 UT 12 March 1994

Summary for 12 March and Forecast up to 15 March

IPS Warning 08 was issued on 09 MAR and is still current.

## 1A. SOLAR SUMMARY

Activity: low

Flares: none.

Observed 10.7 cm flux/Equivalent Sunspot Number : 093/038

## 1B. SOLAR FORECAST

	13 March	14 March	15 March
Activity	Low	Low	Low
Fadeouts	None expected	None expected	None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number : 095/041

## 1C. SOLAR COMMENT

None.

## 2A. MAGNETIC SUMMARY

Geomagnetic field at Learmonth : unsettled 00-09UT then active levels were observed.

Estimated Indices :	A	K	Observed A Index 11 March
Learmonth	22	3334 4444	
Fredericksburg	24		29
Planetary	34		37

## 2B. MAGNETIC FORECAST

DATE	Ap	CONDITIONS
13 Mar	25	Active.
14 Mar	18	Unsettled to active.
15 Mar	14	Unsettled.

## 2C. MAGNETIC COMMENT

The coronal hole sourced disturbance is expected to decline over the next 3-4 days.

## 3A. GLOBAL HF PROPAGATION SUMMARY

	LATITUDE BAND		
DATE	LOW	MIDDLE	HIGH
12 Mar	normal	normal	fair-normal

PCA Event : None.

#### 3B. GLOBAL HF PROPAGATION FORECAST

	LATITUDE BAND		
DATE	LOW	MIDDLE	HIGH
13 Mar	fair	poor	poor
14 Mar	normal	fair	poor
15 Mar	normal	normal	fair

#### 3C. GLOBAL HF PROPAGATION COMMENT

NONE.

#### 4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY

MUFs at Sydney were depressed 20-30% during local day, near predicted monthly values during local night.

T index: 6

#### 4B. AUSTRALIAN REGION IONOSPHERIC FORECAST

DATE	T-index	MUFs
13 Mar	25	Depressed 15-30% during local day to near predicted monthly values at night.
14 Mar	30	Depressed 10 to 20%/near predicted monthly values.
15 Mar	35	Depressed 10 to 15%/near predicted monthly values.

Predicted Monthly T Index for March is 40.

#### 4C. AUSTRALIAN REGION COMMENT

None.

IPS Regional Warning Centre, Sydney	IPS Radio and Space Services
email: rwc@ips.oz.au	PO Box 5606
tel: +61 2 4148329	West Chatswood NSW 2057
fax: +61 2 4148331	AUSTRALIA

Date: Sun, 13 Mar 1994 06:29:35 GMT  
 From: ihnp4.ucsd.edu!library.ucla.edu!csulb.edu!csus.edu!netcom.com!  
 slay@network.ucsd.edu  
 Subject: Licensing in Japan  
 To: info-hams@ucsd.edu

So, we think we got it bad in the USA on getting our ham licenses?  
 Take a look at the following article that I received recently from



Japan.

The following article first appeared in the vernacular Asahi Shimbun newspaper in Japan. It was translated and reprinted in the TIARA NEWS - the Tokyo International Amateur Radio Association's newsletter in their February 1994 issue. Permission to reprint was/is clearly stated in the masthead, provided credit is given to both the individual author(s) and to TIARA NEWS.

#### ASSOCIATIONS: The Barrier To Simplifying Japanese Amateur Radio Licensing

"There are too many procedures and it is too expensive to get a Ham license. Why can't the Japanese system be like that in the U.S. where you obtain your license once and then you can operate freely within certain limits?" That is the plea of Japanese Hams.

#### THREE STEPS TO GET ON THE AIR

To get on the air you have to go through three steps:

(1) First you take the national examination or a special training course to obtain your radio operator license (musen jujisha menkyosho).

(2) You then must file an application for "opening the station" [i.e. to establish the station] with the Japanese Ministry of Posts and Telecommunications (MPT).

(3) Then you must obtain confirmation that your transmitter and receiver satisfy certain technical standards.

These procedures take about four months to complete. Moreover, whenever you buy a new rig you must make an application for such change, and your station must be re-inspected. Furthermore, your license must be renewed after five years.

In the case of the DENWA-KYU license (fourth class, phone only) which most Japanese Hams hold, the national exam costs 2,700 yen (approx. \$26) and the special training course costs 23,050 yen (approx. \$220). The application for opening a station costs 7,300 yen (approx. \$70). An application for change of radio equipment and renewal of the license costs from 1,000 to 4,000 yen (approx. \$9.50 to \$38).

The Land Mobile Communications Division (Yuseisho Ido Tshukinka) of the MPT responds to the above criticism by saying: "All of the procedures are necessary to enable so many people to make good use of the available frequencies which are limited resources. We have partially simplified the procedures."

#### IN THE USA, PERMITS ARE LUMPED TOGETHER

There are 2,450,000 licensed Hams in Japan. One Ham who is an officer of an Amateur Radio organization stated, "I have been pleading with the government for 30 years to change to a system like one in the USA but I have not gotten anywhere, even though I have yet to find any fault with the US system."

When you look into each of these procedures you will find that each procedure has a connection with an organization in which former MPT bureaucrats are working after their retirement (from government service). First, the application forms are sold at the JARL - Japan Amateur Radio League (Shadan Hojin Nihon Amateur Musen Renmei) at prices ranging from 500 to 800 yen (approx. \$4.75 - 7.60). The special training course and the station modification inspection are done by the JARD - Japan Amateur Radio Development Association (Zaidan Hojin Nihon Amateur Musen Shinko Kyokai). And that is the way it goes.

The JARL however, is an organization of Ham-loving people and therefore, there are few retired bureaucrats there, but in the aforementioned organizations out of a total of 29 directors, 12 are retired MPT bureaucrats.

#### MOST OF THE REVENUE IS OBTAINED FROM BUREAUCRATIC PROCEDURES.

The total JARD income in 1992 was 560 million yen (approx. \$5.3M) and of that, 547 million yen (approx. \$5.2M) came from the (kind) of bureaucratic procedures described above. That seems to be the reason that they will not change to the US system.

-----  
The above is a translation of an article that appeared in the morning edition of the Asahi Shimbun newspaper on October 9, 1993. The translator's comments follow:

1) After passing the national examination or successfully completing the special training course, the prospective Ham will have to file an application for a radio operator license together with an additional 1,050 yen (\$10) worth of revenue/tax stamps. Every application for a station license, modification or renewal requires the completion of complicated forms. These forms can generally only be obtained at Ham specialty-stores, certain large bookstores, or at JARL branch offices.

2) By paying 1,000 to 3,000 yen to the JARD for a station "guarantee", amateur stations up to 100 watts are exempted from undergoing the station inspection which requires a complicated application procedure, long waiting time, and expensive inspection fee.

3) The license term for non-permanent residents of Japan is one year. Applications for station license renewal and modification must be filed separately.

4) Formerly referred to as "Denwa-kyu", the 4th class (No Code) licensees comprise more than 90% of all Japanese amateur radio operator license holders.

5) This the amount of revenue/tax stamps required together with license application forms. 14,600 yen (\$140) for stations over 50 watts. An additional "guarantee fee (nominally 3,000 yen or approx. \$28.50) is paid to the JARD. Or, in the case of a 500 watt station, the station inspection fee is 21,200 yen (approx. \$200) plus another 5,300 yen (approx. \$50) "guarantee" fee to the JARD. In addition, an annual "radio spectrum users fee" of 500 yen (approx. \$4.75) or 1,000 yen (\$9.50) if you have both the 100 watt fixed and 50 watt portable station licenses, is levied by the MPT.

6) In the USA, the station license is automatically issued together with the operator license without the necessity to already own any radio equipment. Mailing address changes, etc. can be done easily and the term of validity automatically resets for another 10 years from the date of the change. And what is more, you only have to pay about \$6 for the examination, and the rest of the procedure is all free of charge. You do not even have to attach an SASE to your application forms.

7) Station inspections in Japan are done by the local bureaus of telecommunications (Denkan).

The above article was translated by Roy Waite 7J1AAK/W9PQN and edited by Motoi Kawatsu JK2PNY/AB6GT.

Sorry this was so long, but thought others might be interested.  
73 de Sandy WA6BXH/7J1ABV      slay@netcom.com      WA6BXH@N0ARY

-----  
Date: 13 Mar 1994 05:47:41 GMT  
From: ihnp4.ucsd.edu!swrinde!emory!sol.ctr.columbia.edu!newsxfer.itd.umich.edu!  
news1.oakland.edu!vela.acs.oakland.edu!prvalko@network.ucsd.edu  
Subject: noise blankers  
To: info-hams@ucsd.edu

eric.s.hellman (hellman@cbnewsm.cb.att.com) wrote:  
: Those of you who have never needed to use the "decorative knob"

: labled noise blanker should consider yourselves fortunate.  
: I find the one on my ts 440 does just fine when some mysterious  
: noise appears.

: Shel Darack WA2UBK  
: dara@physics.att.com  
: .

Well, as the guy who first called the Ten Tec noise blanker a decorative knob... I'd like you all to know I happily sold my TS-440s and kept the Corsair because the Corsair was a much, much better, functional RADIO!

Now if THAT doesn't stir the pot... nothing will.

73 paul wb8zjl

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Date: 13 Mar 1994 07:26:32 GMT  
From: ihnp4.ucsd.edu!library.ucla.edu!europa.eng.gtefsd.com!  
howland.reston.ans.net!usenet.ins.cwru.edu!cleveland.Freenet.Edu!  
ah157@network.ucsd.edu  
Subject: Ramsey Kit Transceivers-Also any others???  
To: info-hams@ucsd.edu

I was going to get the ramsey 2 or 6 meter fx models transceiver that you build yourself simply because I think I will find radio more interesting if i do it myself instead of getting premade.

Now,I have heard these are no good?  
Is this true,will someone leave me their experiences in mail?

Also,are there any other kit radios that may be better for the same price?  
Leave MAIL If possible.

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Date: Sun, 13 Mar 1994 03:45:19 GMT  
From: ihnp4.ucsd.edu!agate!usenet.ins.cwru.edu!news.ysu.edu!news.cps.udayton.edu!  
dmapub!payned@network.ucsd.edu  
Subject: St Patrick's Day Special Event Station  
To: info-hams@ucsd.edu

There is a change in the operation of special event station WB8SMC/8 from St. Patrick, Ohio as announced in the major ham magazines. The original dates of operation were to be March 12 - 13 1994, but as explained by a member of St Patrick Church (where we will be operating from), "We have basketball tournaments up this way that take precedence over weddings, having babies and other such trivial events - and had to move the celebration back to the 26th."

Well, March madness notwithstanding, the FAROUT ARC will operate WB8SMC/8 from St Patrick OH (Shelby County) during the period 1800 UTC 26 March 94 to 1800 UTC 27 March 94 to belatedly celebrate St Patrick's Day. Frequencies of operation will be in:

80 - 40 - 15 - 10m Novice CW and 20m General CW  
80 - 40 - 20 - 15m General phone and 10m Novice phone

WB8SMC QSL's hams and SWL's 100%. Send QSL and business size SASE to:

WB8SMC/8  
FAROUT ARC  
P.O. Box 9181  
Dayton, Ohio 45409-9181

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-----  
| Doug Payne | payned@dmadpub.dma.org |  
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-----  
Date: 12 Mar 1994 18:51:20 -0800  
From: ihnp4.ucsd.edu!pacbell.com!UB.com!kaiwan.com!not-for-mail@network.ucsd.edu  
Subject: Wanted: "This Week in Amateur Radio" Info  
To: info-hams@ucsd.edu

I heard a taped TX of "This Week in Amateur Radio" from the Omega Network. I was wondering if anyone had any info of when and what freq this can be heard in the Los Angeles area.

--

-----  
John "Tremolo" Molson (tremolo@kaiwan.com)  
PGP 2.3 Public Key Available Upon Request.  
-----

-----  
Date: 13 Mar 1994 06:11:38 GMT  
From: digex.net!rtp.vnet.net!exe01022@uunet.uu.net  
Subject: Where is PED410?  
To: info-hams@ucsd.edu

Recently there was a posting announcing that PED version 4.10 was available on some FTP site. I lost this info, so please repost if possible. FYI, PED is a CW pileup simulator/trainer for use with sound boards like the Sound Blaster.

Dan, N9XX exe01022@vnet.net

-----  
Date: 13 Mar 1994 05:42:28 GMT  
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!math.ohio-state.edu!  
sol.ctr.columbia.edu!newsxfer.itd.umich.edu!news1.oakland.edu!  
vela.acs.oakland.edu!prvalko@network.ucsd.edu  
To: info-hams@ucsd.edu

References <2lnm9t\$643@jericho.mc.com>, <1994Mar10.223223.13794@arrl.org>,  
<tcjCMJHM5.vJ@netcom.com>bia.edu  
Subject : Re: 1x1 Callsigns?

Todd Jonz (tcj@netcom.com) wrote:  
: Ed Hare (KA1CV) (ehare@arrl.org) writes:

: > Bob Levine (levine@mc.com) wrote:  
: >  
: > > Has anyone seen anything in print about whether the vanity  
: > > callsign program (someday) might allow 1x1 calls?  
: >  
: > Well, I want \*my\* call to be "K".

: Golly, Ed, you must be one of those long-winded types. Would you settle for  
: something a little shorter -- like maybe "N"? ;-)

Don't be a DOPE, Todd. The letter "N" is, "dah dit." It ends in a DIT  
so it's not as good as a call that ends in a DAH.

BTW, when I wrote the book on calls, I suggested that "K", "N", and "W"  
could easily command \$10,000 or more in the open market.

73 =paul= wb8zjl

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End of Info-Hams Digest V94 #282

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